

Your Friday Water Report

This Week's Topic:

Fire Flow Issues

Computer modeling showed weakness to provide sudden high flows for fire-fighting in certain parts of town. Besides having enough stored water ready to go, sufficient pressure at the hydrant is key. Pressure under high flow conditions can be limited by insufficient altitude difference from storage tank down to hydrant, by long flow distances from the storage tanks, by hydrants not working properly, but mainly by too-narrow distribution pipes. The City has started into testing each of some 500 hydrants. As needed, improvements are being designed and made. These can include hydrant maintenance, distribution pipe replacement, and/or installing a second feed toward the hydrant (looping).

Daily Averages for 09/17- 09/23

Gallinas River Flow 21.26 Mgd*

This week in 2013 was 35.09 Mgd

Avg. River Diversions † 0.00 Mgd

Yr. to date 329 Mg*; year max. 907 Mg

Draw from Wells 0.00 Mgd

This week in 2013 was 0.40 Mgd

Fresh Water Demand 1.36 Mgd

This week in 2013 was 1.54 Mgd

As of 09/23/14:

Bradner Storage 33.19 Mg

Peterson Storage 59.97 Mg

Reservoir Storage 54.7%

Las Vegas Airport Rainfall 1.04"

† **Diversion meter has not been working since July 14.**

*Mgd = Million gal. per day, Mg = million gal.

Did You Know? The Utility is starting gradually to drain the water from Bradner Reservoir so that the ground will be dry enough to work on by the time construction is ready to proceed.



See water leaks, water waste, or water violations? Tell someone ! 426-3319



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